

Waterproof camera

User Manual

Please read the manual carefully before use.

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WARNING

To reduce the risk of fire, electric shock, or injury:

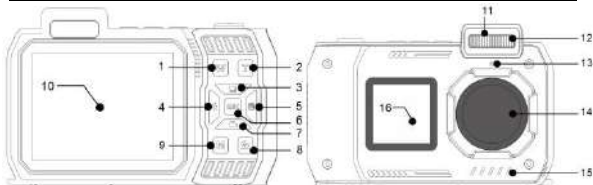
1. Do not expose the device to rain or moisture.
2. Do not place objects filled with liquids, such as vases, on the device.
3. Do not expose the batteries to excessive heat, such as direct sunlight or fire.
4. Do not swallow the batteries; this poses a risk of chemical burns. Keep new and used batteries away from children. If the battery compartment does not close properly, stop using the product and keep it away from children.

CAUTION

To prevent risks related to the batteries:

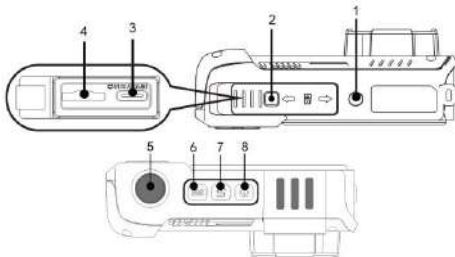
1. Do not disassemble, crush, or expose the battery to shocks or forces, such as hammering, dropping, or stomping.
2. Do not short-circuit or allow metal objects to touch the battery terminals.
3. Do not expose to temperatures above 60°C (140°F), such as direct sunlight or in a parked car under the sun.
4. Do not incinerate or dispose of in fire.
5. Do not handle damaged or leaking lithium-ion batteries. Keep the battery out of reach of small children and keep it dry.
6. Replace the battery only with the specified type. Otherwise, explosions, fires, or injuries may occur.

1. Product Introduction



No.	Name	Function Description
1	W	Zoom out
2	T	Zoom In
3	UP/Continuous Shooting	Up
		Enable continuous shooting in photo mode: 3P, 5P, Off (continuous shooting supports up to 20MP)
		Increase volume during video playback
4	Flash/Left	Left
		Flash: Auto, On, Always On, Off
5	Delete/Right	Right
		In the shooting interface, choose whether to delete the most recently taken file
6	OK	Confirm
		Play/Pause while viewing video

7	Down/Mode Switching	Down
		Switch between photo/video modes
		Decrease volume during video playback
8	Back	Back to the previous menu
		Open media library in the shooting interface
9	M	Settings menu
10	Home screen	2.88" HD screen
11	Flashlight	Assists with lighting in dim environments
12	Indicator Light	Charging/operational indicator light
13	Microphone Hole	Built-in microphone pickup hole
14	Lens	Photo/video viewfinder
15	Speaker	Plays sound
16	Front Screen	1.44" HD screen



No.	Name	Function Description
1	Tripod Hole	For mounting a tripod

2	Waterproof Cover Lock	Press and slide to open/close the waterproof cover
3	Type-C USB	Charging / Data transfer
4	TF card slot	Install TF card
5	Shutter	Take photo/video
6	SOS	Turn SOS function on/off
7	Screen Switching	Switch between Home screen and Front screen
8	Power	Power on/off

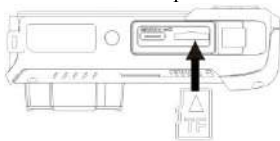
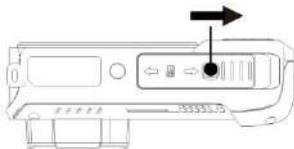
2. Using the Camera

2.1 Installing the memory card

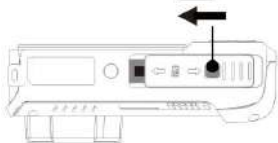
Please format the storage card before use.

Please insert the memory card according to the following steps:

1. As shown, press and push the lock to the right to open the waterproof cover.
2. Insert the storage card as shown in the picture until you hear a "click" sound, indicating installation is complete.

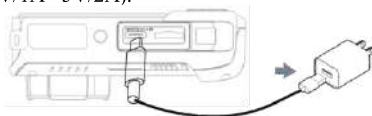


3. Press and slide the lock to the left to close the waterproof cover.



2.2 Charging the battery

You can use the supplied USB cable to charge your camera via an adapter (5V/1A - 5V/2A).



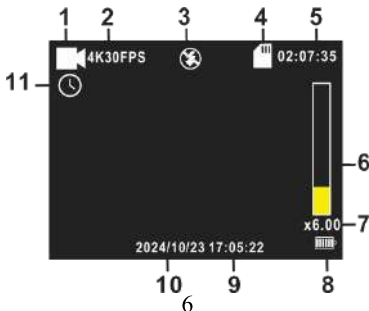
The charging indicator turns red while charging and automatically turns off when fully charged.

2.3 Power On/Off the Camcorder

Press and hold the power button for more than 3 seconds to turn the camera on or off.



2.4 Video Mode



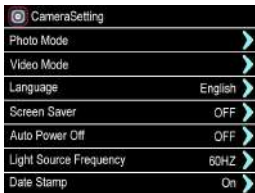
1. Video Recording Mode
2. Video Resolution
3. Flash
4. Storage Card Status
5. Remaining Video Recording Time on Storage Card
6. Zoom Indicator
7. Zoom Magnification
8. Battery
9. Current Time
10. Current Date
11. Time-Lapse Recording

Video Mode Menu Settings:

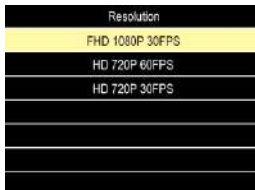
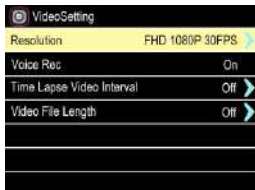
Sub-menu	Menu content
Resolution	8K 15FPS, 6K 25FPS, 5K 30FPS, 4K 60/30FPS, 2.7K 30FPS, 1080P 60/30FPS, 720P 60/30FPS
Voice Rec	On/Off (Press the "OK button" to switch)
Time Lapse	Off/1s/3s/5s/10s/30s/1min
Video File Length	Off/1min/5min

Example of Resolution Settings:

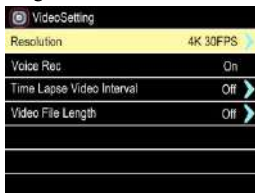
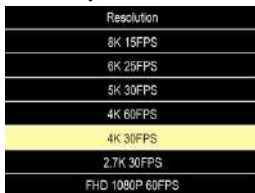
1. Press the "M button" to enter the mode menu. Use the "Navigation button" to move the cursor to the settings icon, then press the "OK button" to enter the settings menu.



2. Use the "Up/Down buttons" to select video mode, then press the "OK button" to enter the video settings menu. Use the "Up/Down buttons" to select resolution, then press the "OK button" to enter the resolution menu.

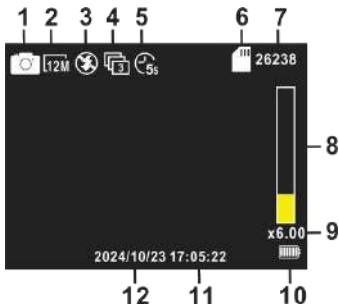


3. Use the "Up/Down buttons" to select 4K 30FPS, then press the "OK button" to confirm the selection. After confirmation, it will automatically return to the video settings menu.



4. Press the "Back button" to return to the previous menu until you return to the shooting interface.

2.5 Photo Mode



- | | |
|------------------------|------------------------|
| 1. Photo Mode | 7. Remaining Number of |
| 2. Photo Resolution | Photos on Storage Card |
| 3. Flash | 8. Zoom Indicator |
| 4. Continuous Shooting | 9. Zoom Magnification |
| 5. Timed Shooting | 10. Battery |
| 6. Storage Card Status | 11. Current Time |
| | 12. Current Date |

Photo Mode Menu Settings:

In this mode, press the "M button" to enter the mode menu, use the "Navigation buttons" to select settings, press "OK button" to access the camera settings, use the "Up/Down button" to choose the photo mode, press "OK button" to enter photo settings, use the "Up/Down button" to select the desired features, and press "OK button" to confirm. Once finished, press the "Back button" until you return to the shooting interface.

Sub-menu	Menu content
Resolution	70M, 64M, 48M, 32M, 24M, 20M, 12M, 8M, 5M, 3M,
Timed Photography	Off/5s/10s/20s
Continuous photographing	Off, 3P/s, 5P/s
Photo Frame	Off/01-10
Normal photography	On(When timed shooting and continuous shooting are activated, selecting normal shooting and pressing the OK button will turn them all off.)

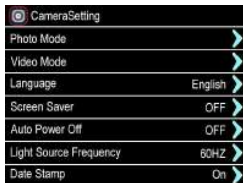
2.6 System Function Settings

Sub-menu	Menu content
Language	English, Chinese, Japanese, Korean, French, German, Spanish, Italian, Russian
Screen Saver	60s/90s/120s/Off
Auto Power Off	3min/5min/8min/Off
Frequency	50Hz/60Hz
Date Stamp	On/Off
Date&Time	Y M D/D M Y/M D Y Press the "Left/Right Button" to select, press the "Up/Down Button" to set.
Fill-in Light	Close/Automatic/Highlight/Always bright
Clew Tone	Off/Low/Middle/High

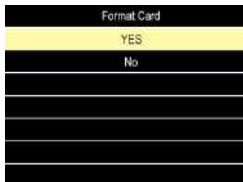
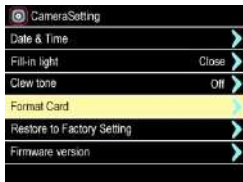
Format Card	Yes/No
Rest to Factory	Yes/No
Firmware Version	Product model and version number

Example of Format Settings:

1. Press the "M button" to enter the mode menu. Use the "Navigation button" to select settings, then press the "OK button" to access the camera settings.



2. Use the "Up/Down buttons" to select "Format Card," then press the "OK button" to enter the format card menu. Select "YES," then press the "OK button" to confirm.



3. Once the formatting is complete, the system will automatically return to the camera settings menu. Press the "Back button" to

return to the previous menu until you are back at the shooting interface.

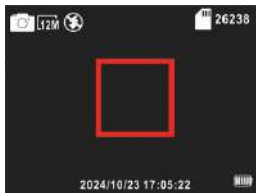
2.7 Automatic Focus

The photo mode supports three focusing modes, which can be set in the “Automatic AF” mode in the settings.

1. Fixed Focus Mode: Supports shooting from 50cm to infinity.

Simply press the shutter button lightly to take a photo.

2. Semi-Automatic Mode: In this mode, you need to press the shutter button halfway. When the focus frame changes from red to green, the focus is complete. Continue pressing the shutter button to take a clear photo.



3. Full Automatic Mode: In this mode, the camera will automatically focus on the subject. When the focus on the screen is clear, you can then fully press the shutter to capture a clear photo.

2.8 Viewing and Deleting Files

1. In photo or video mode, press the “Back Button” to quickly enter the media library. Alternatively, press the “M Button” to enter the mode menu, use the “Navigation Buttons” to select Album, press the “OK Button” to enter the submenu, and use the “Left/Right Buttons” to select a video. Press the “OK Button” to view it.
2. Use the “Left/Right Buttons” to navigate pages, press the “OK Button” to start/pause playback, use the “Up/Down Buttons” to adjust the volume during playback, and press the “Back Button” to stop playback.
3. Press the “M Button” to choose whether to delete the current file. (In shooting mode, press the “Right/Delete Button” to quickly choose whether to delete the most recently captured file.)
4. Press the “Back Button” to return to the previous menu, until you return to the shooting interface.

When playing 8K videos on your computer, for a smooth viewing experience, it is recommended to copy the video files to your computer.

Please refer to the following computer configuration:

Intel Core i5 9th generation or AMD Ryzen 7 series and above are recommended.

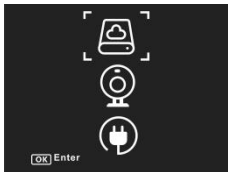
At least DDR4 or DDR5 16GB and above are recommended.

Hard Drive: It is recommended to use a high-speed solid-state drive (SSD).

Playback Software: The latest version software that supports 8K video playback.

2.9 Connect to Computer

1. Connect the Type-C USB port of the camera to the USB port of the computer with the supplied USB cable.
2. The camera will turn on automatically, and the screen will display the available options.



Press the Up/Down button to select the desired option, then press the OK button to confirm the option.

Mass Storage Mode

Select “Mass Storage Mode” and the computer will display the camera’s memory card drive. You can transfer files from the storage to the computer.

PC Camera

Select the “PC Camera” mode. The camera can be used as a webcam for live streaming, etc.

Note: When the camera is used as a webcam, other button functions cannot be used.

Charging Mode

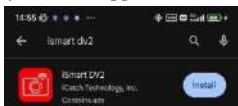
Select the charging mode. The camera supports recording while charging. The camera will be fully charged faster if it remains powered off.

2.10 Connecting to the Wi-Fi App

Note: This Wi-Fi connection is for the camera app only and cannot connect directly to the internet. (The camcorder's Wi-Fi does not access social networks; it is for device access only through the smartphone.)

Please connect in an unobstructed environment within 5 meters.

1. Use a smartphone to search for "iSmart DV2" on "Google Play" or the "App Store" and install it.



2. Turn on the camera's WiFi: In shooting mode, press the "M Button" to open the mode menu, use the "Navigation Buttons" to select "WiFi", and press the "OK Button" to activate it. Once activated, the camera screen will display the WiFi name and password. (Note: If WiFi is not connected within one minute, it will automatically turn off.)



3. Open the WiFi settings on your smartphone, find the camera's WiFi, and enter the password to connect.
 4. After connecting to the camera's WiFi, open the "iSmart DV2" app on your smartphone, select "Add New Camera", then choose "Wi-Fi Connect" to connect.
 5. In the app, you can adjust settings, capture photos or videos, and view files.
- Note:** Due to insufficient performance and configuration of some phone models, videos above 5K resolution may not be playable within the app. This is a normal phenomenon.
6. Share photos and videos to social media via a smartphone:

Step 1:

For Android phones, tap the  icon to open the album, then long press a photo or video thumbnail for about 1 second to open the selection menu. You can select multiple files, then tap the  icon to download multiple files at once.

For iOS phones, tap the  icon to open the album, then tap "Choose" in the top-left corner to select multiple files. After that, tap the  icon and confirm. Once the loading is complete, select the  icon to download.

Step 2: Exit the app, go to your smartphone's gallery, select the downloaded photo or video, and share it on social media. At this

point, disconnect the camera's WiFi hotspot and connect to the internet (either home network or mobile data hotspot).

3. Technical specifications

Items	Specification Parameter
Zoom	18X digital zoom
Screen	2.88" HD + 1.44" HD screen
Waterproof	10 meters waterproof
USB Interface	Type-C
Power Supply	Lithium-ion battery
Picture File Format	JPG
Video File Format	MOV

4. Frequently Asked Question Guide

Trouble	Measures
Unable to charge	If the charging indicator is not on,the charger is not plugged in.Please check whether the charger is connected normally.Or replace with a new charging cable and charger.
Unable to connect to PC	Please check whether the USB data cable is connected correctly.

	Please check whether the USB interface of computer is working properly.
	Please try changing the data cable or computer device.
Blurred shooting effect	The camera supports AF function. Please focus clearly before shooting.
	If the picture is shaking, you can use it with triangle as needed.
WiFi Connection Failure	Ensure that both the smartphone and camera WiFi are turned on.
	Double-check and re-enter the WiFi password displayed on the camera screen.
	If the signal is weak or unstable, make sure the camera and smartphone are within range and try to minimize obstacles.
Storage Card Not Recognized	Format the storage card.
	Check if the storage card is inserted correctly.
	Try using a new storage card.

100% customer satisfaction is our goal. If you encounter any issues, please contact our support team for a satisfactory solution.

MV-UP018-V1.0

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.